

FIG. 3 is a block diagram of a Network Attached Storage (NAS) system architecture. The system includes a NAS MASTER (4) which is connected to a NETWORK (8) via a lightning bolt symbol. The NAS MASTER (4) is further connected to a NAS STORAGE DEVICE (6) via a lightning bolt symbol. The NAS MASTER (4) is composed of two main sections: a left section (20) and a right section (22). The left section (20) contains three modules: a POLICY MANAGER (28), a NAS MANAGEMENT MODULE (30), and a NAS SENSING MODULE (32). The right section (22) contains three modules: a FILE SYSTEM (22), a LOGICAL VOLUME MANAGER (LVM) (24), and an NBD CLIENT (26). Bidirectional arrows indicate communication between the POLICY MANAGER (28) and the FILE SYSTEM (22), between the NAS MANAGEMENT MODULE (30) and the LOGICAL VOLUME MANAGER (LVM) (24), and between the NAS SENSING MODULE (32) and the NBD CLIENT (26).

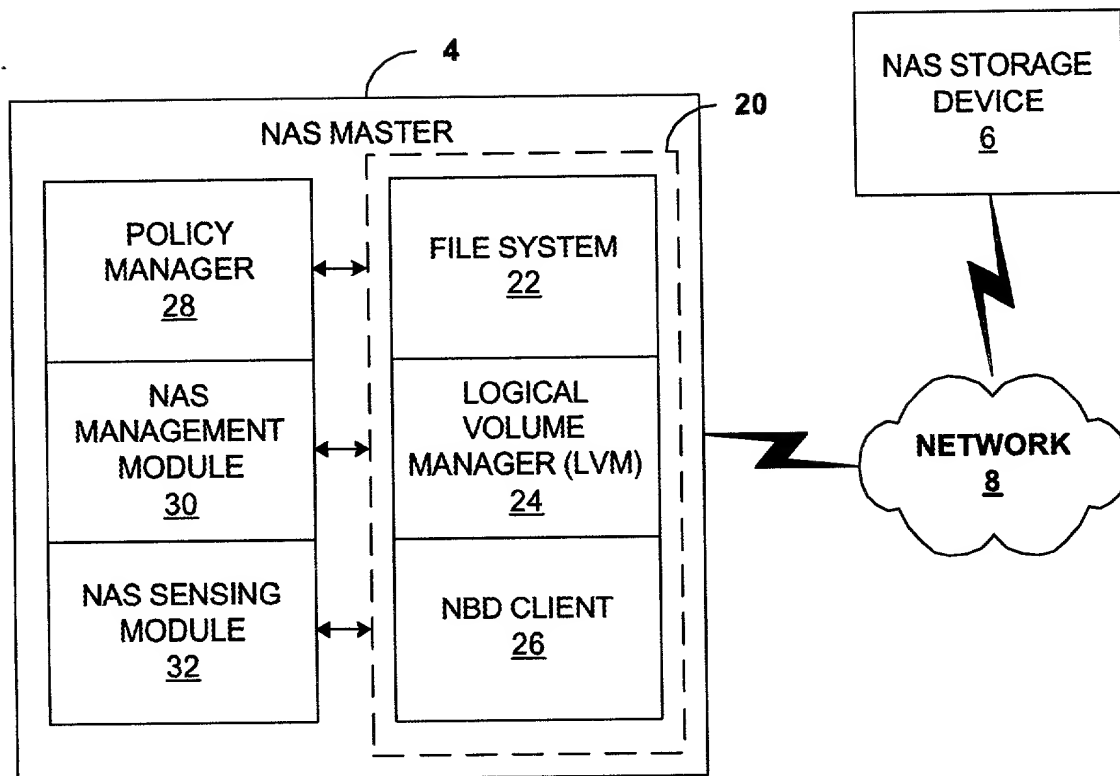


FIG. 3

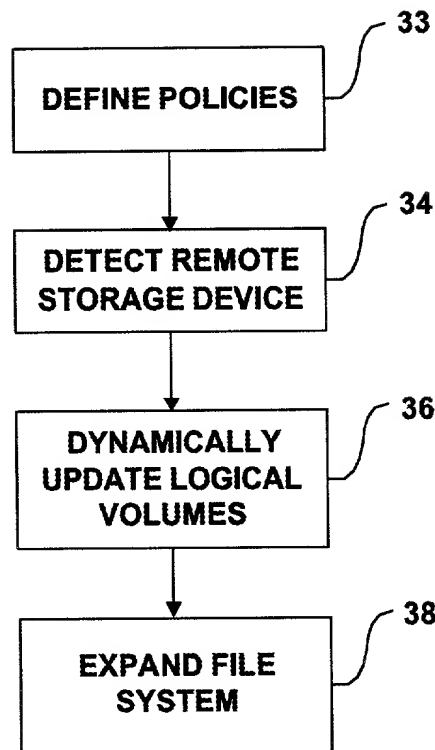


FIG. 4

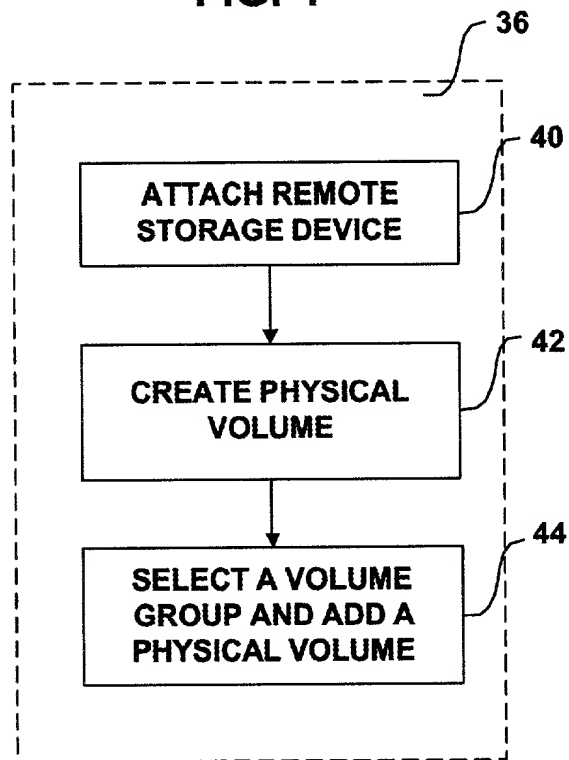


FIG. 5